

Data File : VN051401.D
Acq On : 23 Sep 2018 9:38
Operator : MD\SY
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
9/24/2018 2:15:25 PM

Quant Time: Sep 24 06:56:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 24 06:41:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	539880	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	771886	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	723272	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	373708	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	339316	50.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.34%	
35) Dibromofluoromethane	7.59	113	308614	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
50) Toluene-d8	10.09	98	1171481	50.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.80%	
62) 4-Bromofluorobenzene	12.40	95	397778	52.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.80%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	244237	48.490	ug/l	100
3) Chloromethane	2.06	50	402147	50.155	ug/l	99
4) Vinyl Chloride	2.18	62	448019	50.626	ug/l	98
5) Bromomethane	2.57	94	271795	51.248	ug/l	100
6) Chloroethane	2.70	64	282326	51.199	ug/l	98
7) Trichlorofluoromethane	3.01	101	563068	48.576	ug/l	98
8) Diethyl Ether	3.41	74	167627	45.930	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	291311	44.530	ug/l	98
10) Methyl Iodide	3.95	142	397302	45.741	ug/l	99
11) Tert butyl alcohol	4.78	59	85221	223.275	ug/l #	92
12) 1,1-Dichloroethene	3.74	96	268923	44.770	ug/l	98
13) Acrolein	3.60	56	68961	181.948	ug/l	96
14) Allyl chloride	4.32	41	457280	45.374	ug/l	99
15) Acrylonitrile	4.98	53	483429	232.831	ug/l	100
16) Acetone	3.82	43	331884	217.721	ug/l	98
17) Carbon Disulfide	4.05	76	815630	46.218	ug/l	100
18) Methyl Acetate	4.32	43	234172	45.464	ug/l	100
19) Methyl tert-butyl Ether	5.04	73	760908	49.124	ug/l	99
20) Methylene Chloride	4.55	84	324112	48.431	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	297194	48.365	ug/l	99
22) Diisopropyl ether	5.95	45	1018060	52.260	ug/l	100
23) Vinyl Acetate	5.89	43	3169898	247.852	ug/l	99
24) 1,1-Dichloroethane	5.85	63	582411	50.107	ug/l	100
25) 2-Butanone	6.83	43	516255	223.024	ug/l	98
26) 2,2-Dichloropropane	6.82	77	299916	33.055	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	334500	49.611	ug/l	98
28) Bromochloromethane	7.19	49	266418	49.635	ug/l	99
29) Tetrahydrofuran	7.21	42	357060	243.409	ug/l	99
30) Chloroform	7.37	83	577114	50.109	ug/l	100
31) Cyclohexane	7.65	56	518645	48.703	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	502456	51.031	ug/l	99
36) 1,1-Dichloropropene	7.79	75	442956	49.556	ug/l	98
37) Ethyl Acetate	6.93	43	241891	47.066	ug/l	100
38) Carbon Tetrachloride	7.77	117	458827	49.076	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	517352	49.511	ug/l	97
40) Benzene	8.04	78	1307178	49.806	ug/l	97
41) Methacrylonitrile	7.17	41	125584	44.168	ug/l	96
42) 1,2-Dichloroethane	8.12	62	416786	49.594	ug/l	99
43) Isopropyl Acetate	8.16	43	442259	47.589	ug/l	98
44) Trichloroethene	8.83	130	344221	49.378	ug/l	99
45) 1,2-Dichloropropane	9.12	63	353135	49.498	ug/l	100
46) Dibromomethane	9.21	93	197916	49.097	ug/l	99
47) Bromodichloromethane	9.40	83	445251	49.912	ug/l	98
48) Methyl methacrylate	9.20	41	226803	48.950	ug/l	100
49) 1,4-Dioxane	9.20	88	55597	979.093	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	1231609	240.972	ug/l	100
52) Toluene	10.15	92	834888	51.187	ug/l	96
53) t-1,3-Dichloropropene	10.38	75	417678	46.377	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	489463	46.864	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	284952	49.433	ug/l	98
56) Ethyl methacrylate	10.43	69	351519	49.877	ug/l	99
57) 1,3-Dichloropropane	10.71	76	489016	49.494	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	895389	235.999	ug/l	99
59) 2-Hexanone	10.75	43	791858	238.996	ug/l	99
60) Dibromochloromethane	10.90	129	340831	50.112	ug/l	99
61) 1,2-Dibromoethane	11.00	107	275321	49.201	ug/l	100
64) Tetrachloroethene	10.63	164	330712	50.382	ug/l	99
65) Chlorobenzene	11.43	112	905735	48.809	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	341918	48.362	ug/l	99
67) Ethyl Benzene	11.51	91	1561481	49.930	ug/l	100
68) m/p-Xylenes	11.62	106	1222342	101.048	ug/l	100
69) o-Xylene	11.95	106	590019	50.736	ug/l	100
70) Styrene	11.96	104	956299	51.896	ug/l	100
71) Bromoform	12.12	173	231605	48.278	ug/l #	99
73) Isopropylbenzene	12.25	105	1587191	50.337	ug/l	99
74) N-amyl acetate	12.07	43	391081	49.433	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	345998	47.057	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	291945m	47.059	ug/l	
77) Bromobenzene	12.53	156	387805	48.584	ug/l	99
78) n-propylbenzene	12.59	91	1817094	51.133	ug/l	100
79) 2-Chlorotoluene	12.67	91	1069563	50.281	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1317856	51.257	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	83725	41.499	ug/l	99
82) 4-Chlorotoluene	12.77	91	1061448	49.995	ug/l	100
83) tert-Butylbenzene	12.99	119	1165078	50.911	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1335192	51.536	ug/l	100
85) sec-Butylbenzene	13.17	105	1593406	51.468	ug/l	100
86) p-Isopropyltoluene	13.29	119	1365717	50.981	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	681872	49.364	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	649913	48.899	ug/l	100
89) n-Butylbenzene	13.61	91	1102009	50.026	ug/l	99
90) Hexachloroethane	13.87	117	263399	49.348	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	654559	48.839	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	49524	47.196	ug/l	95

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Quantitation Report (QT Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	322922	45.327	ug/l	99
94) Hexachlorobutadiene	15.01	225	237150	46.767	ug/l	99
95) Naphthalene	15.13	128	569431	42.433	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	317053	49.295	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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